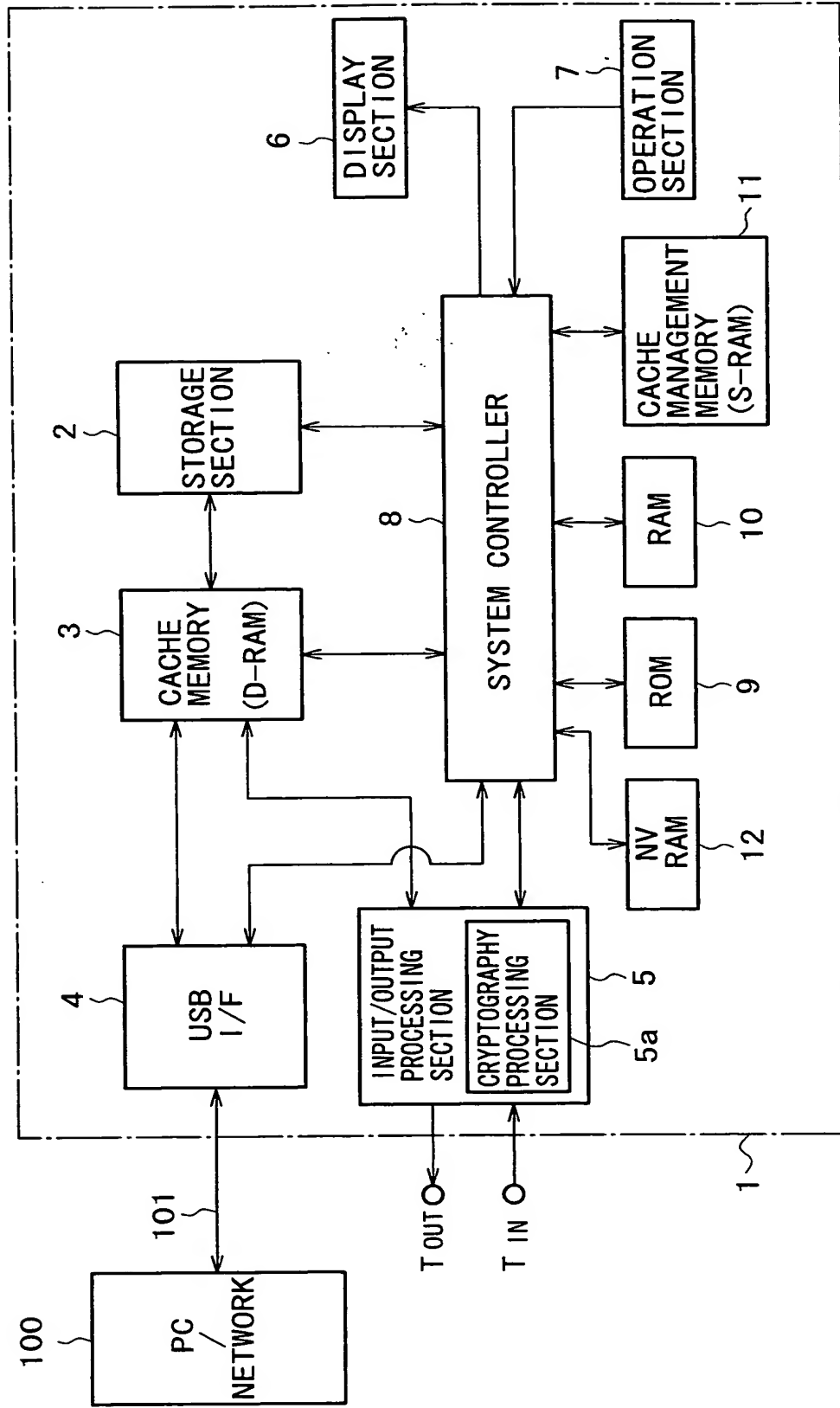


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FIG. 1



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FIG. 2A

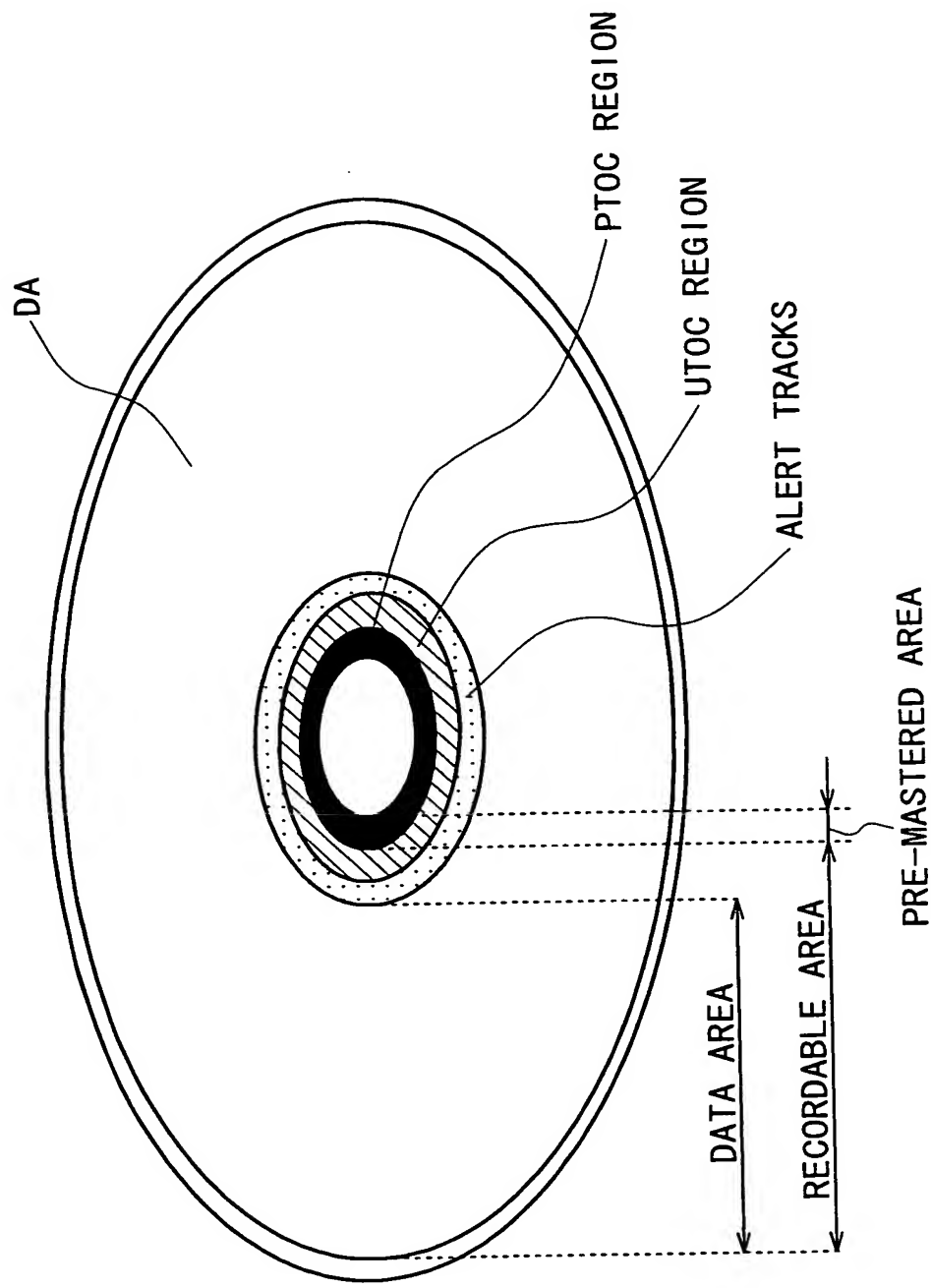
	MINI DISK MD (DATA)
TRACK PITCH	1.6 μm
BIT LENGTH	0.59 $\mu\text{m/bit}$
$\lambda \cdot \text{NA}$	780nm \cdot 0.45
RECORDING METHOD	GROOVE RECORDING
ADDRESS METHOD	SINGLE SPIRAL DOUBLE-SIDED WOBBLE
MODULATION METHOD	EFM
ERROR CORRECTION METHOD	ACIRC
INTERLEAVE	CONVOLUTION
REDUNDANCY	46.3%
DETECTION METHOD	BIT-BY-BIT
LINEAR VELOCITY	1.2m/s
DATA RATE	133KB/s
TOTAL CAPACITY	164MB (140MB)
MINIMUM REWRITING UNIT	32 SECTORS +4 LINK SECTORS

FIG. 2B

	HIGH DENSITY DISK (1)	HIGH DENSITY DISK (2)
TRACK PITCH	1.5~1.6 μm	1.25 μm
LINE DENSITY	0.437 $\mu\text{m/bit}$	0.16 $\mu\text{m/bit}$
CAPACITY	300MB	1GB
TRANSFER RATE	4.37Mbps	9.83Mbps
LINEAR VELOCITY	2.4m/sec	1.98m/sec

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FIG. 3



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FIG. 4A

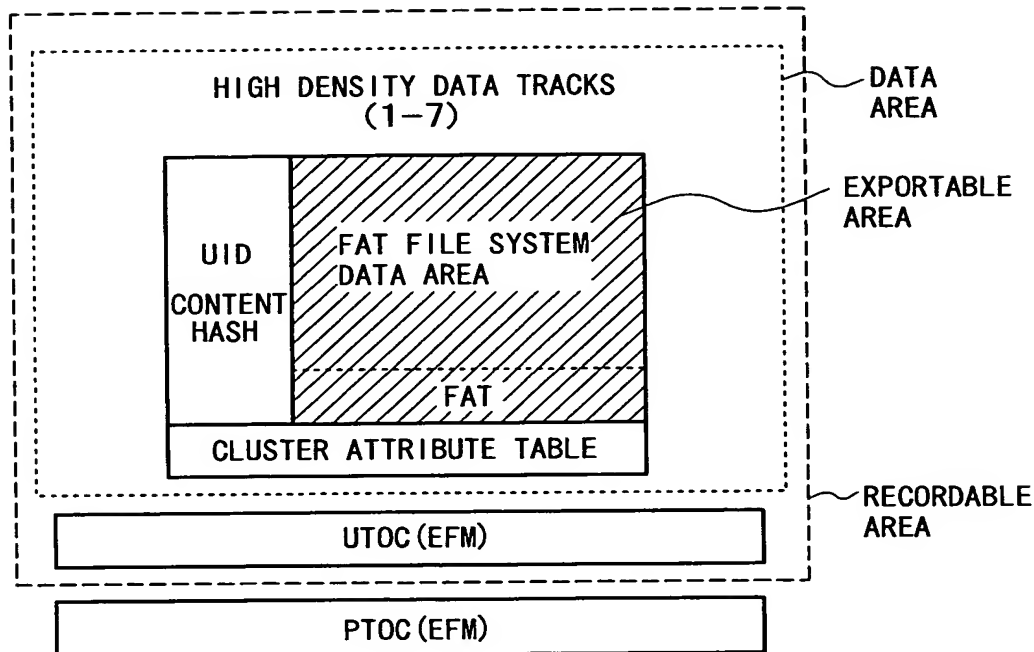
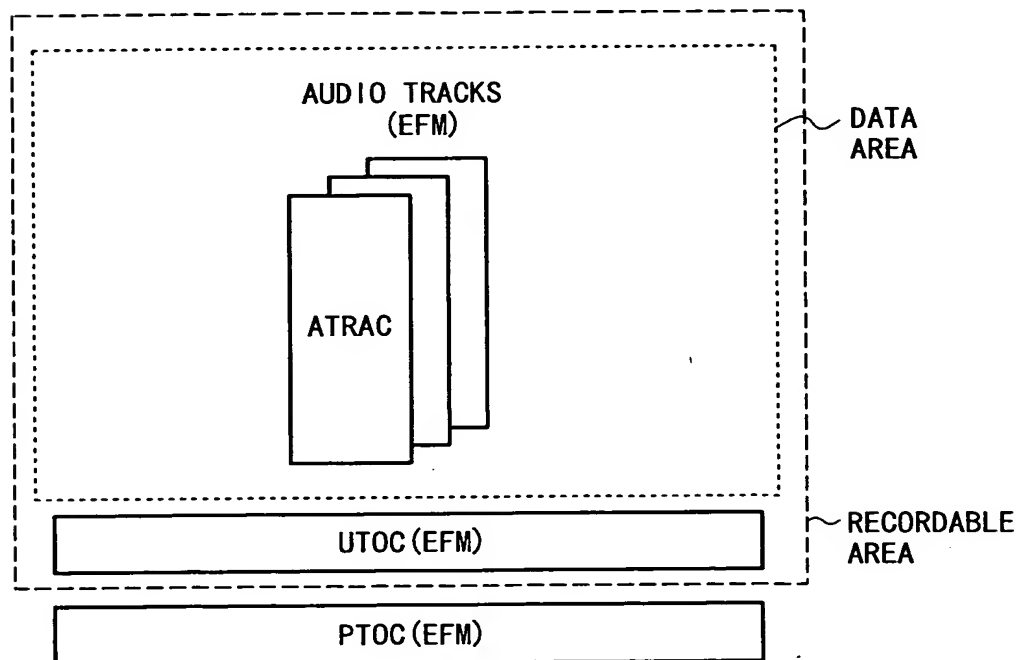
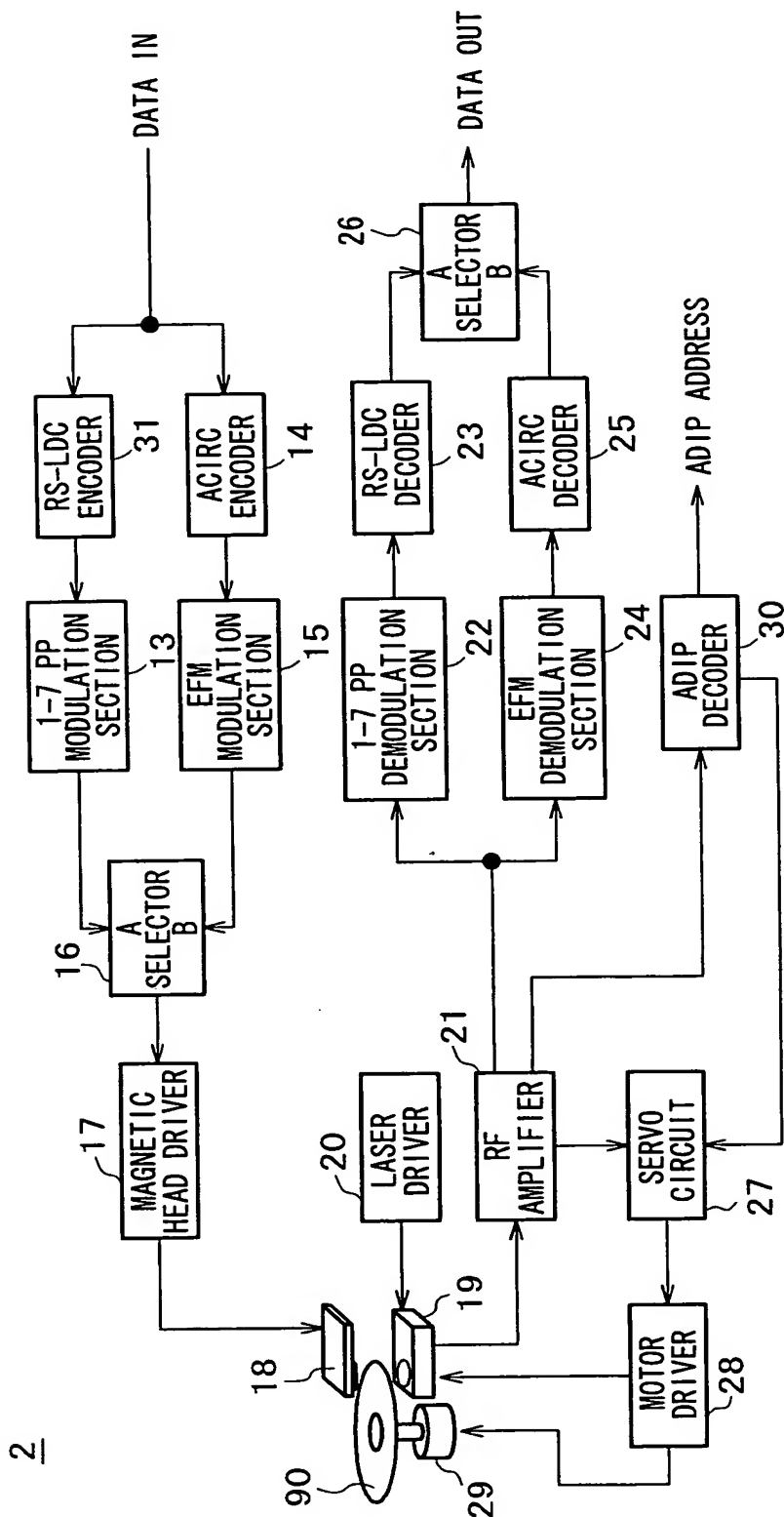


FIG. 4B



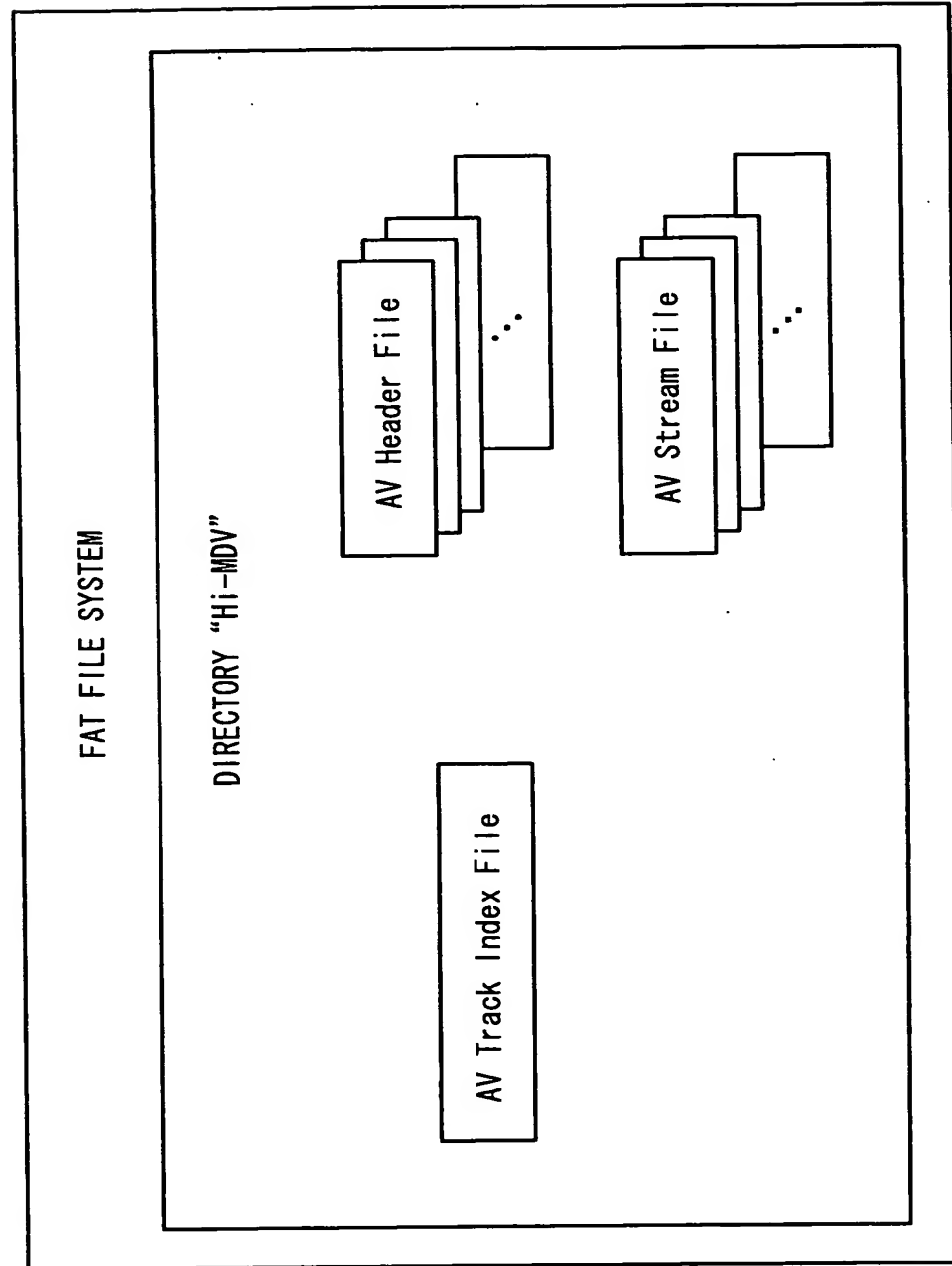
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FIG. 5



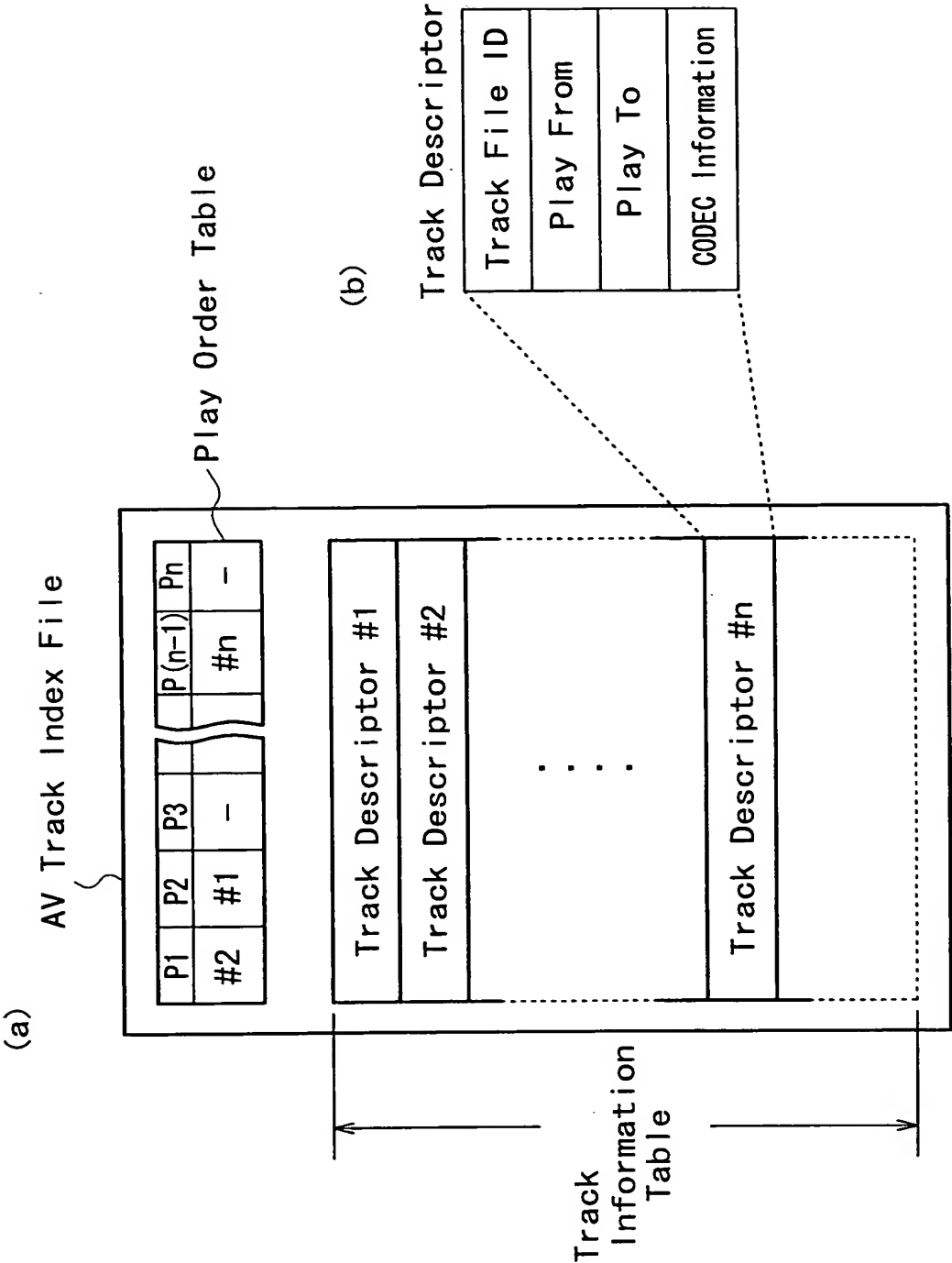
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FIG. 6



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FIG. 7



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FIG. 8A

AV Stream File

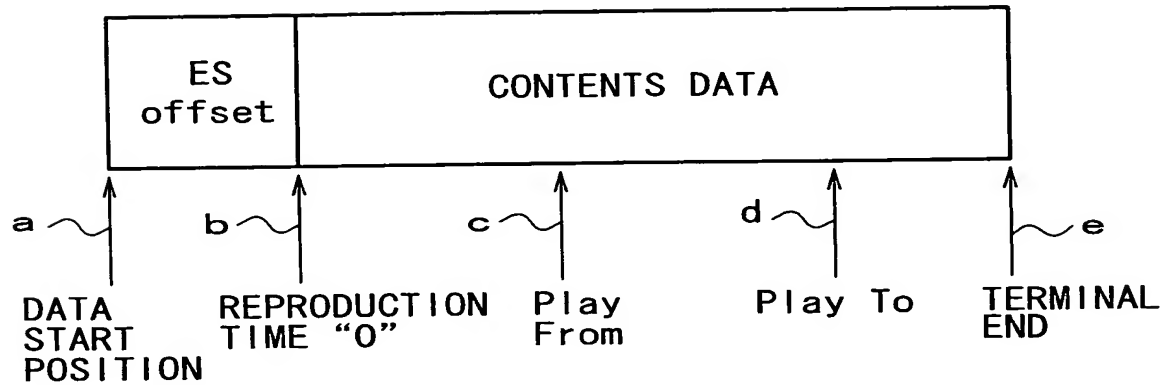


FIG. 8B

AV Header File

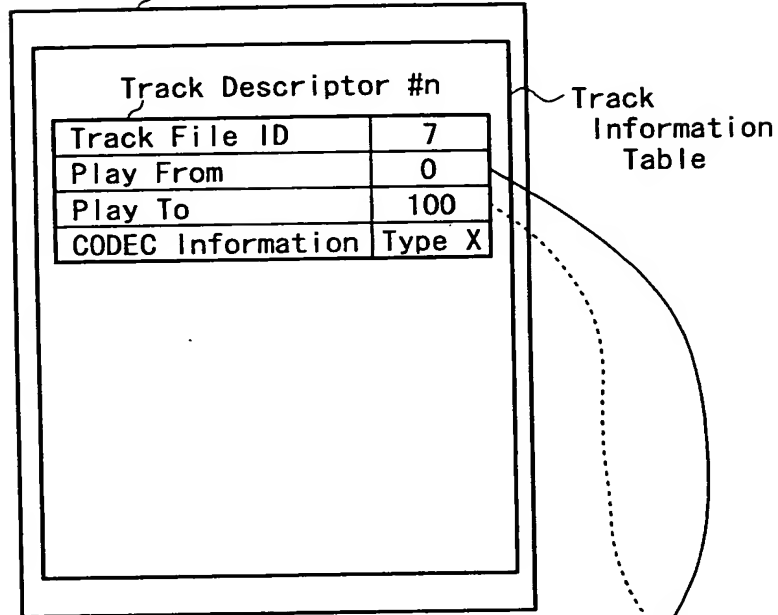
ES offset Size
Reference Counter
Erase Flag("0" or "1")
Total Play Time

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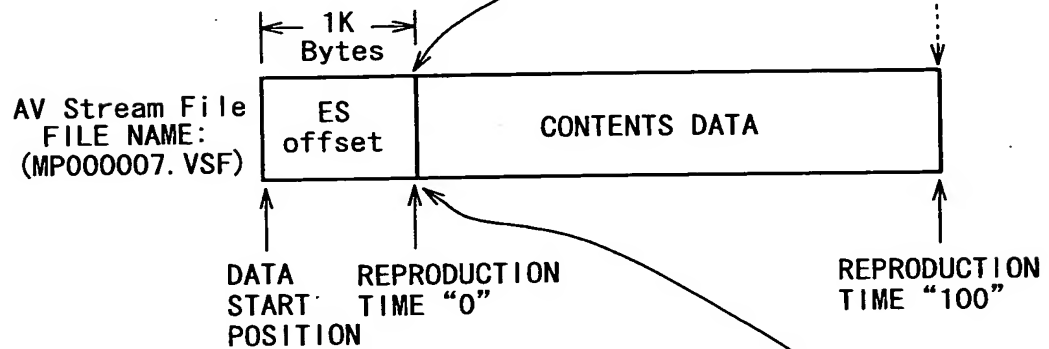
FIG. 9

(a)

AV Track Index File



(b)



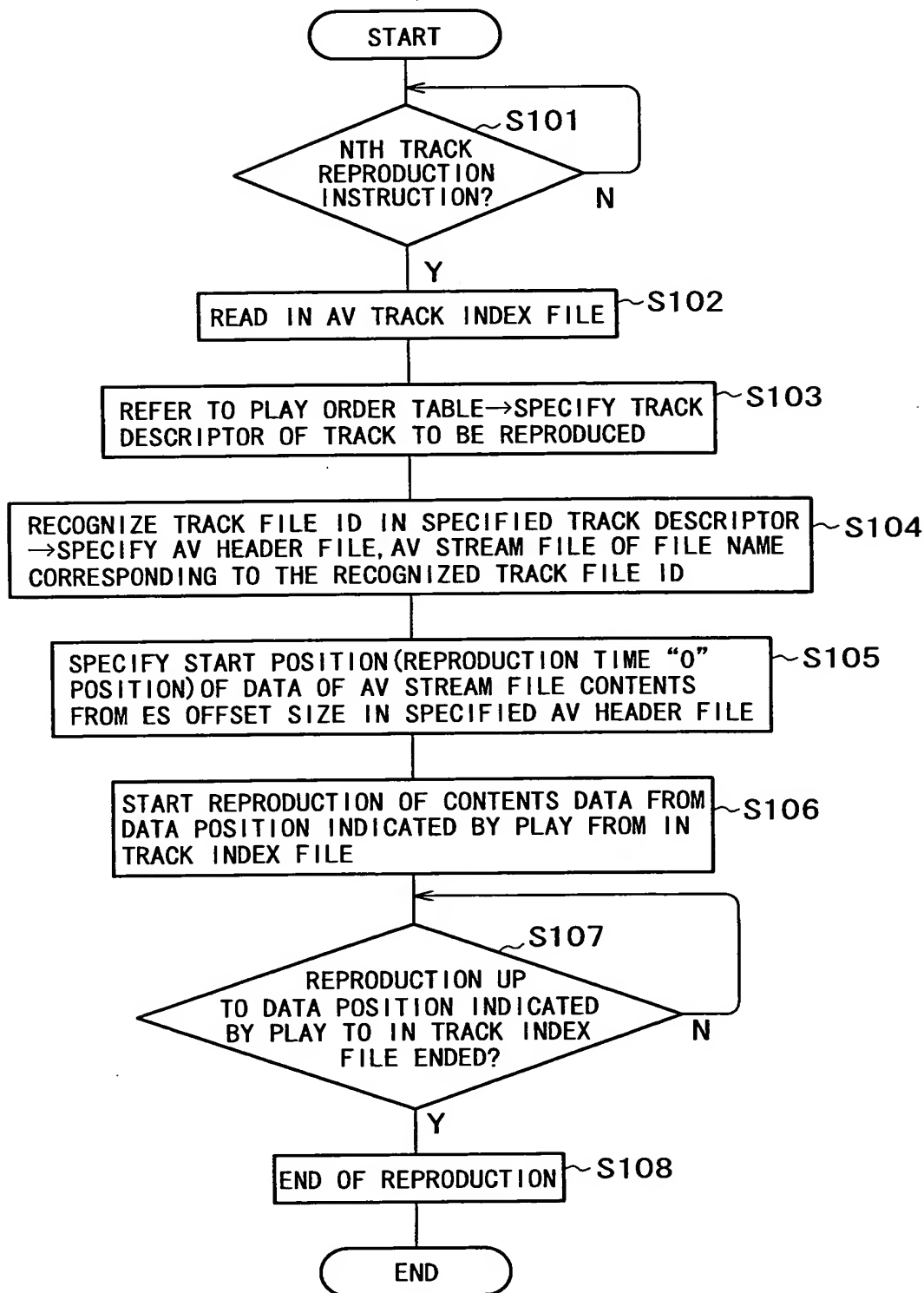
(c)

AV Header File
 FILE NAME:
 (MP000007.VHF)

ES Offset Size	1000
Reference Counter	1
Erase Flag	0
Total Play Time	100

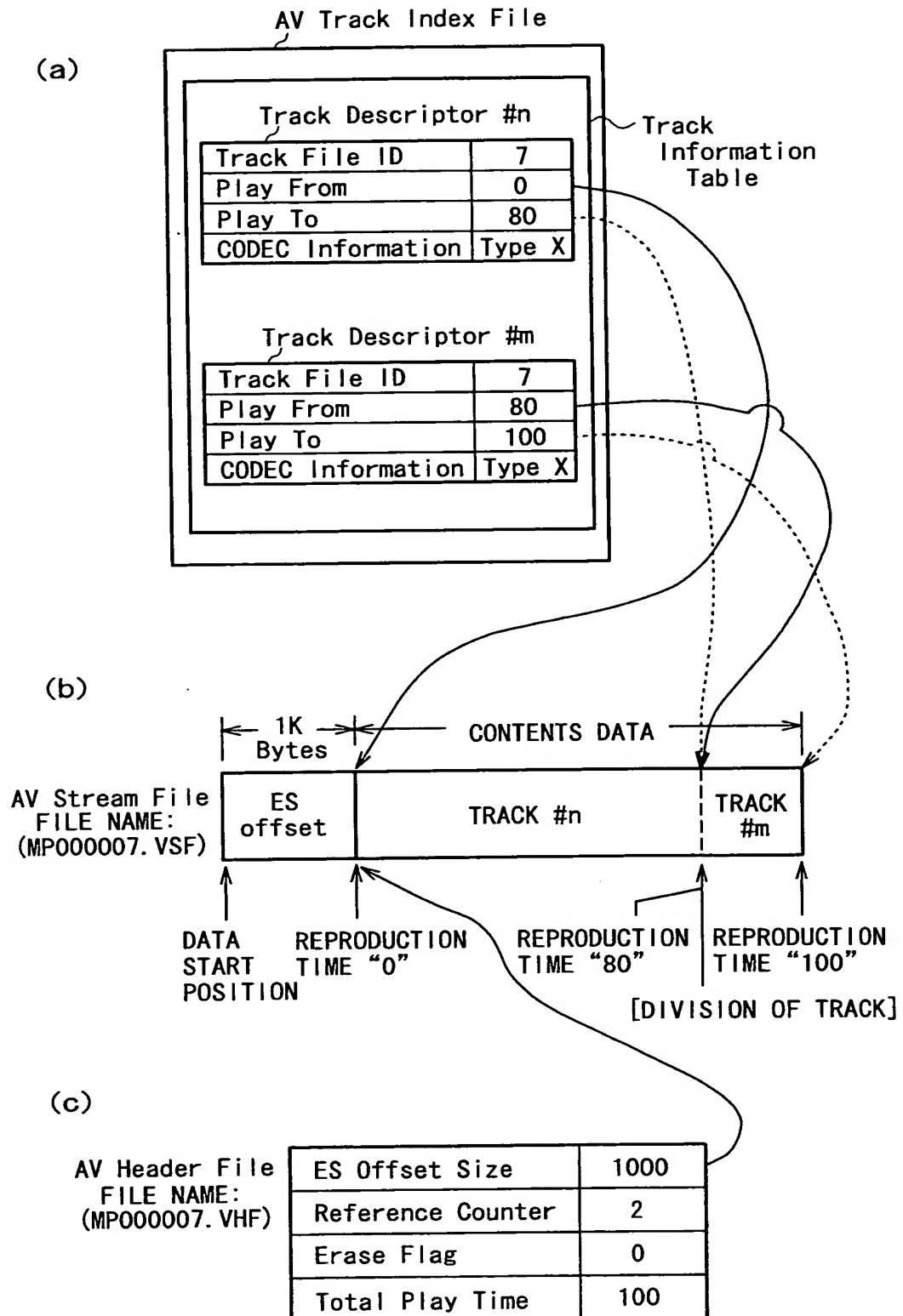
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FIG. 10



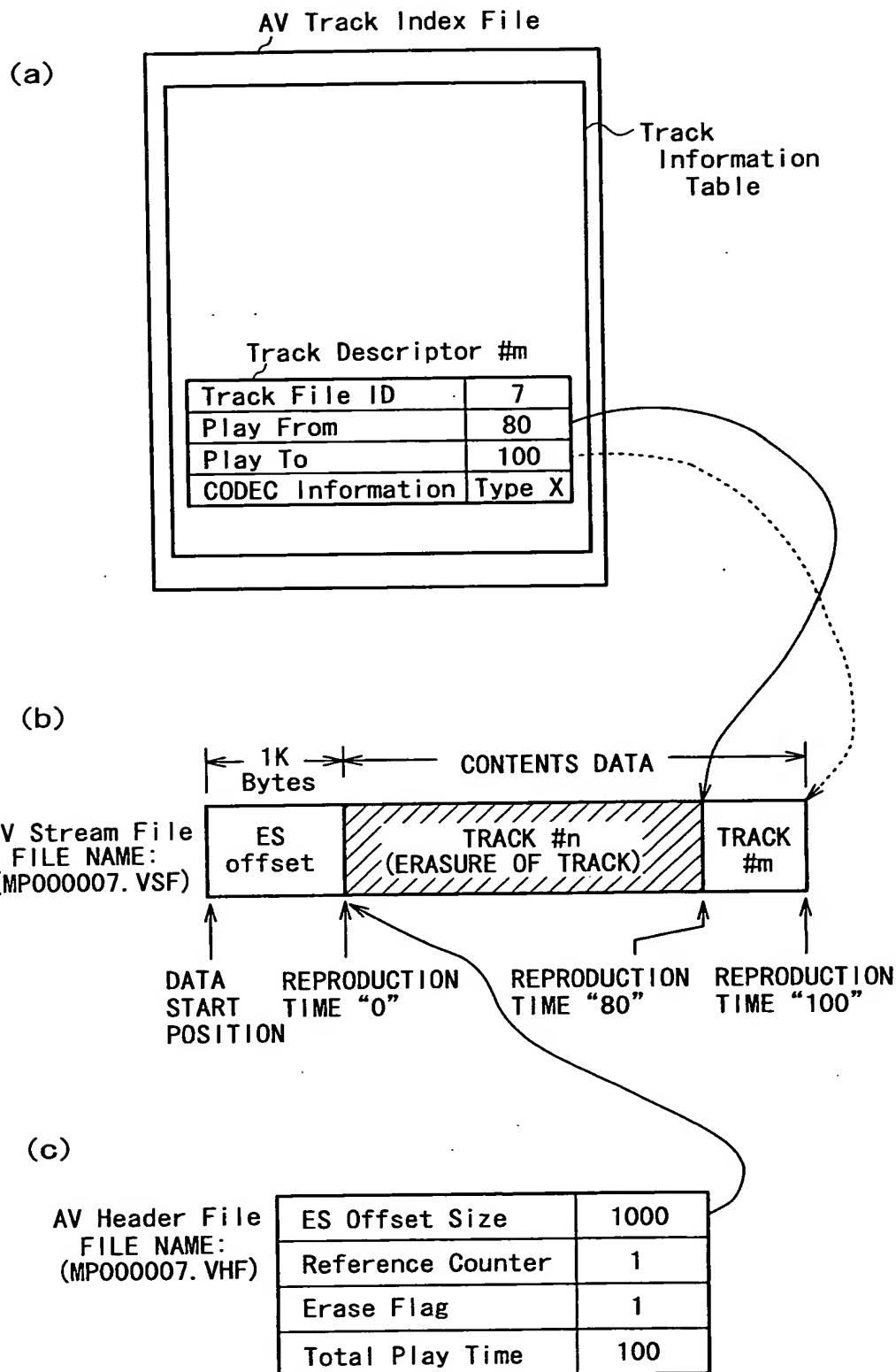
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FIG. 11



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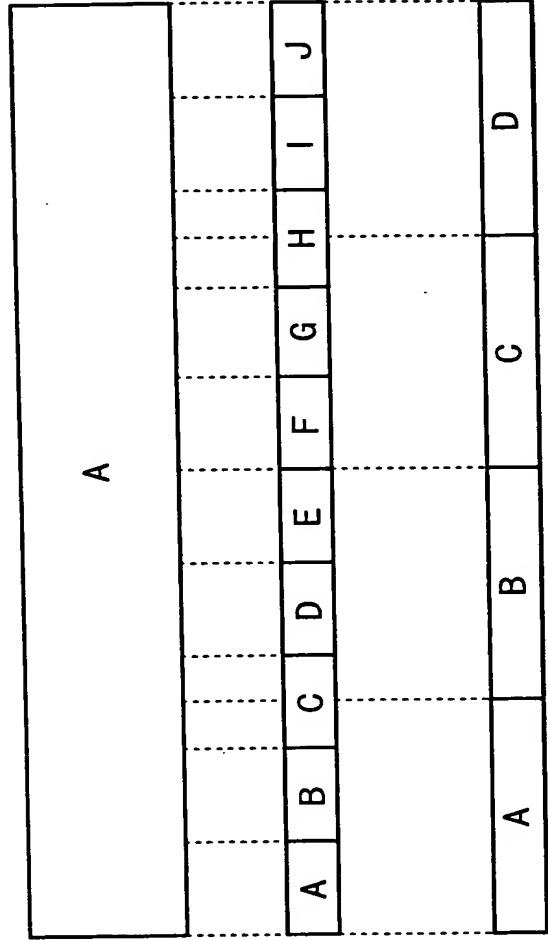
FIG. 12



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FIG. 13

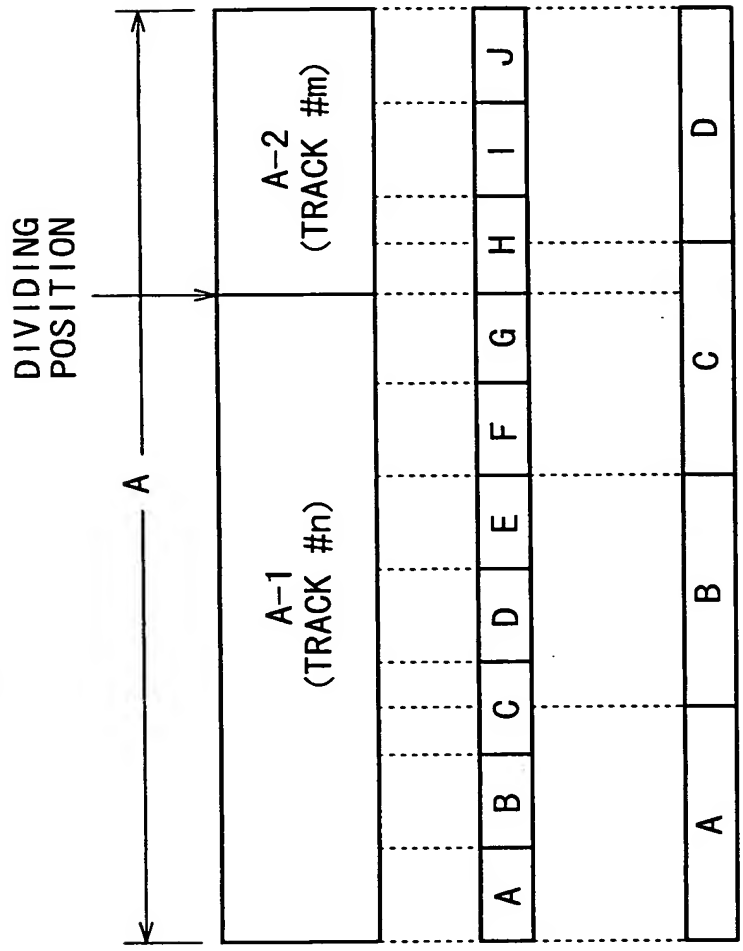
(a) AV Stream File



(b) DATA MANAGEMENT UNIT OF CONTENTS

(c) DATA MANAGEMENT UNIT OF FILE SYSTEM

FIG. 14

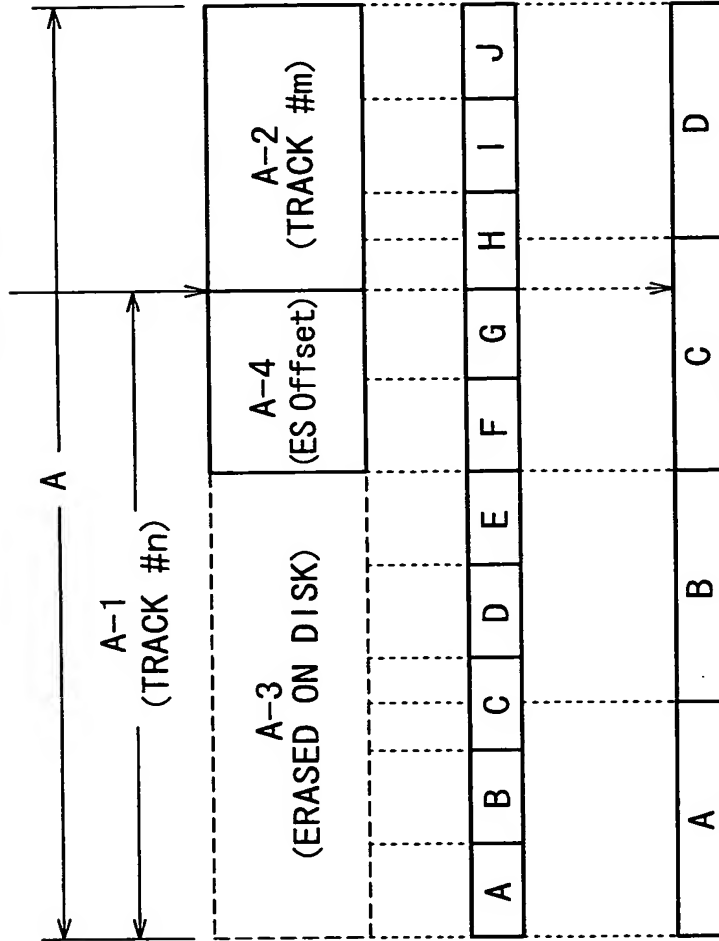


- (a) AV Stream File
- (b) DATA MANAGEMENT UNIT OF CONTENTS
- (c) DATA MANAGEMENT UNIT OF FILE SYSTEM

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FIG. 15

DIVIDING
POSITION



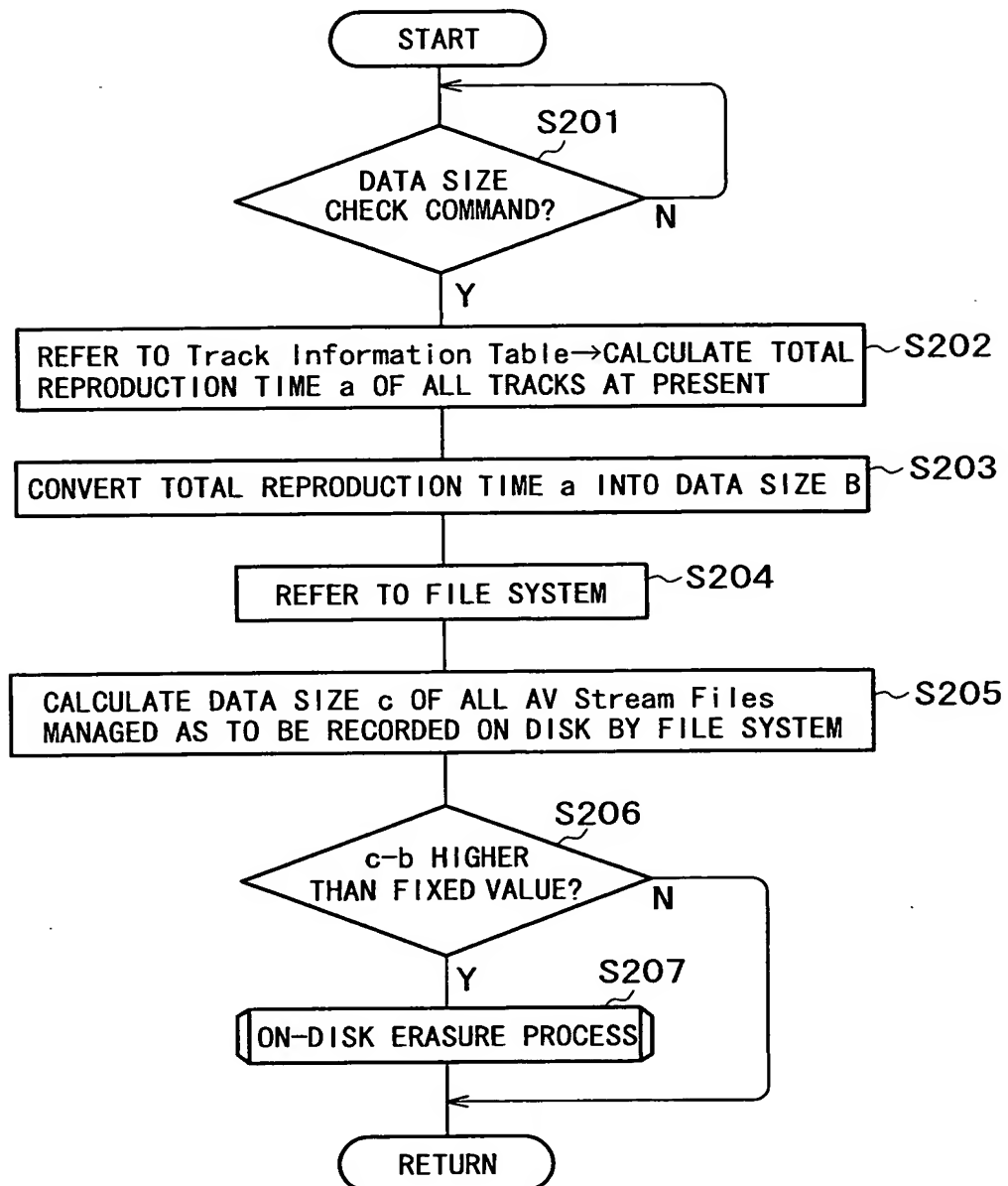
(a) AV Stream File

(b) DATA MANAGEMENT
UNIT OF CONTENTS

(c) DATA MANAGEMENT
UNIT OF FILE
SYSTEM

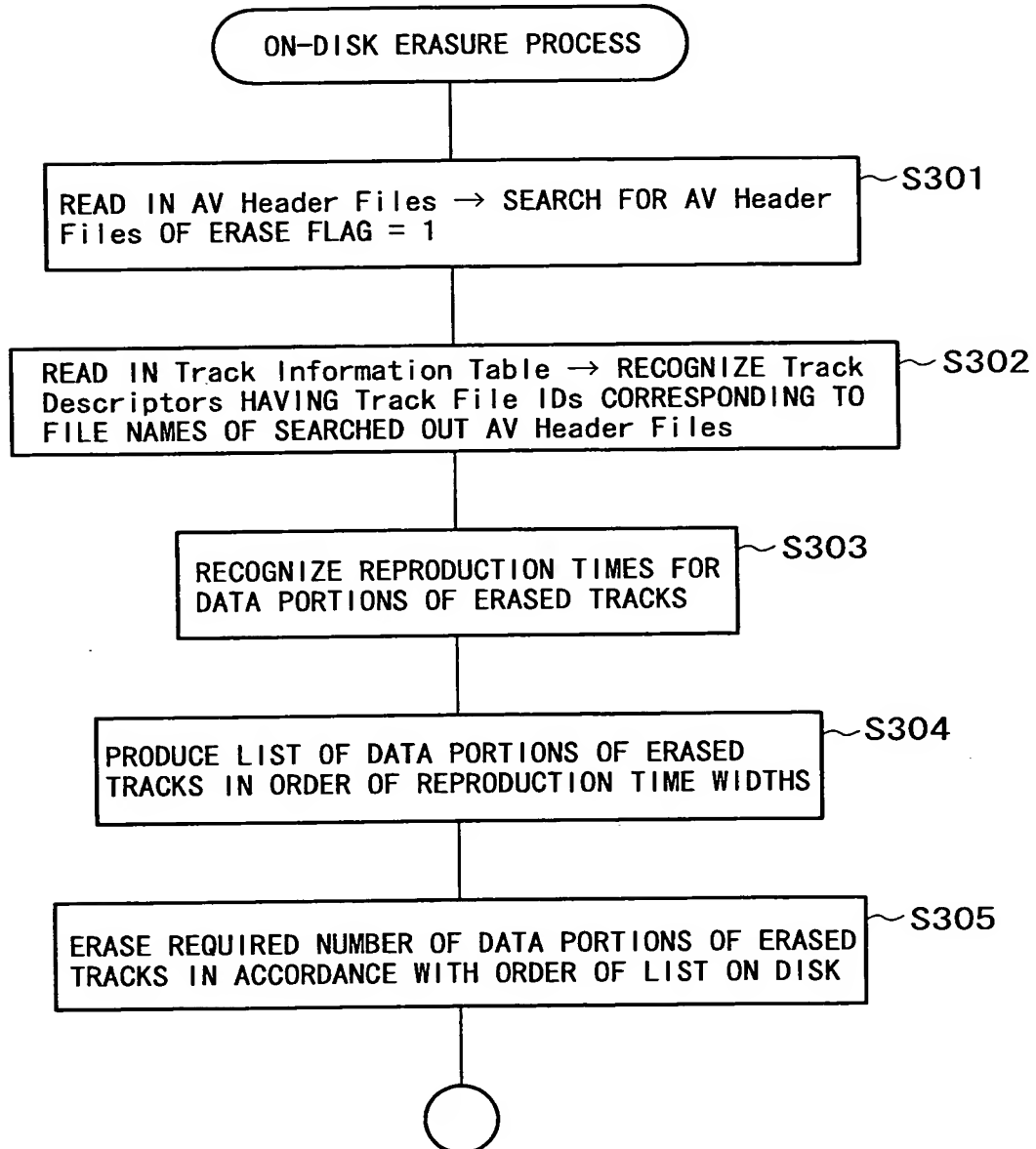
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FIG. 16



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FIG. 17



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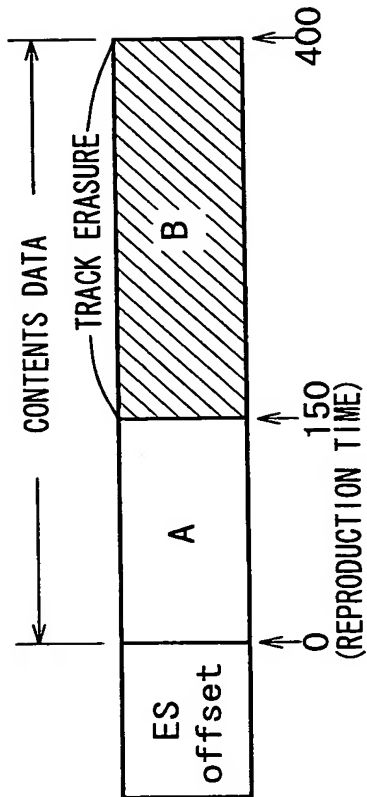


FIG. 18A
AV Stream File
ID=0

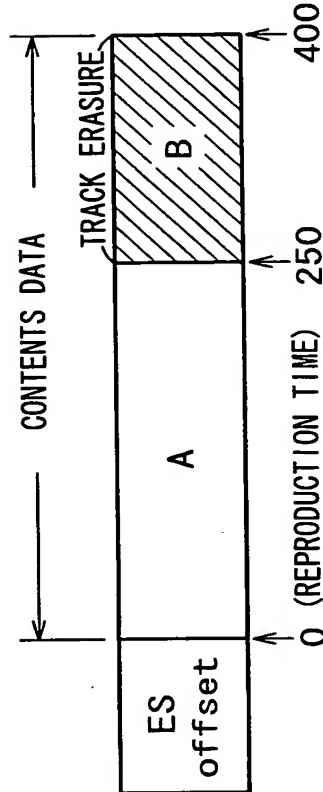


FIG. 18B
AV Stream File
ID=1

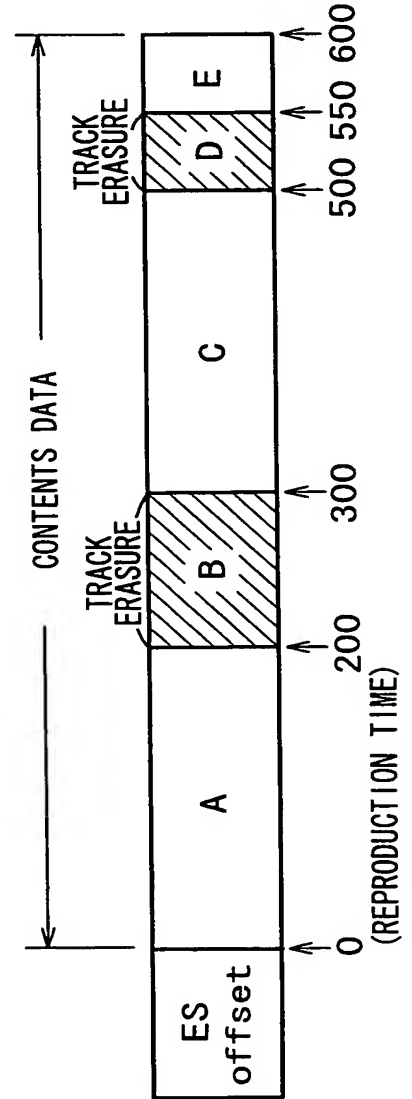


FIG. 18C
AV Stream File
ID=2

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FIG. 19

ORDER IN LIST	DATA PORTION OF ERASED TRACK	REPRODUCTION TIME WIDTH
1	ID=0	250
	Play From/Play To =150/400	
2	ID=1	150
	Play From/Play To =250/400	
3	ID=2	100
	Play From/Play To =200/300	
4	ID=2	50
	Play From/Play To =500/550	

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FIG. 20

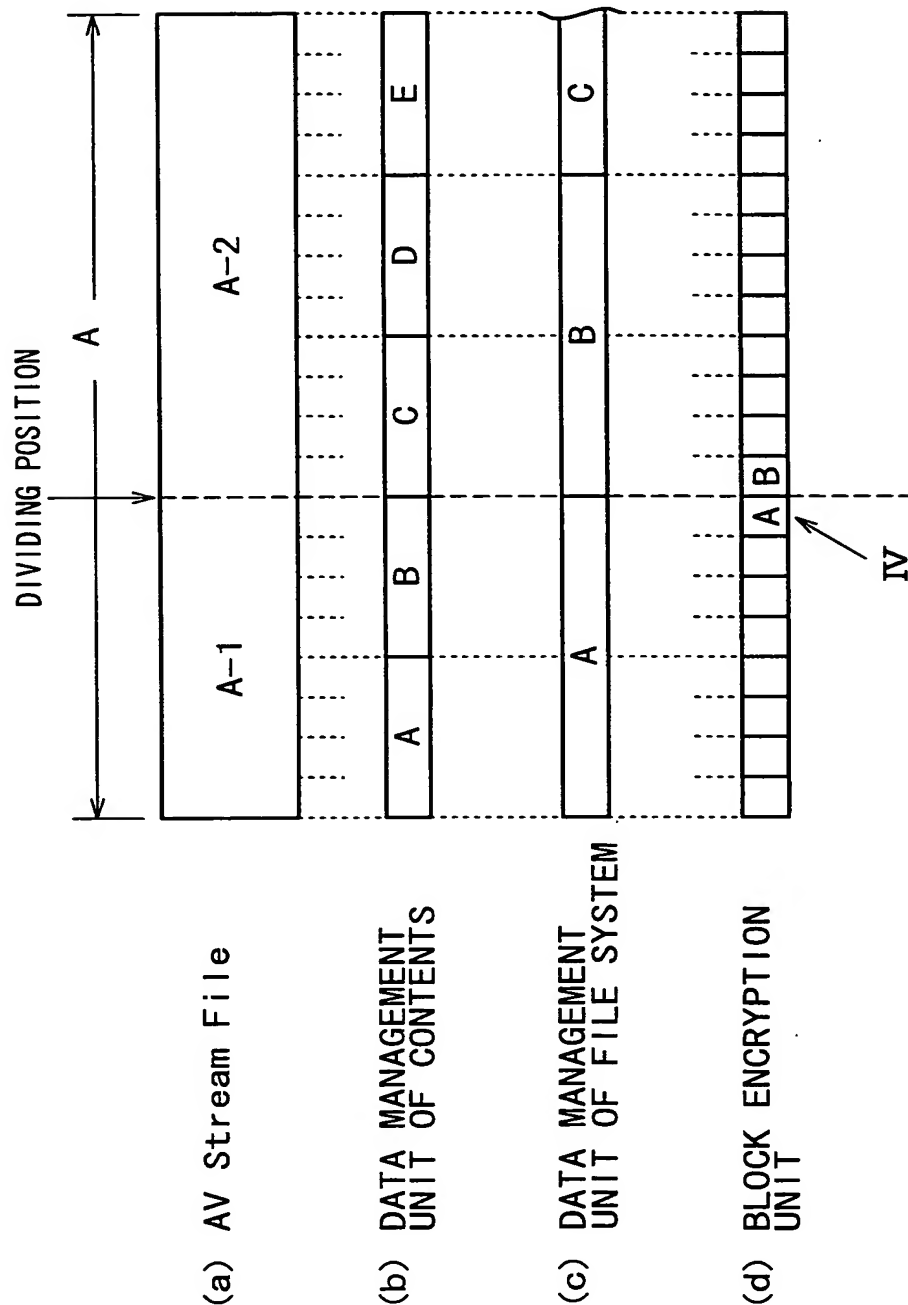


FIG. 22

